

- 12. A process according to claim 11 wherein less than 25% of the cobalt (by atoms) is present as free cobalt oxides.
- 13. A process according to claim 11 wherein less than 15% (by atoms) of the cobalt is present as cobalt monoxide.
- 14. A process according to claim 11 wherein less than 5% by weight of the composition is free cobaltic oxide and less than 2% by weight is free cobalt monoxide.
- 15. A process according to claim 11 wherein part or all of element A is at least one element selected from the group consisting of yttrium, cerium, lanthanum, neodymium, and praseodymium.
- 16. A process according to claim 15 wherein element A comprises a mixture of at least one variable valency element Vv selected from the group consisting of cerium and praseodymium and at least one non-variable valency element Vn selected from the group consisting of yttrium and a non-variable valency rare earth element.
- 17. A process according to claim 15 wherein the atomic proportions of variable valency element Vv to non-variable valency element Vn is in the range 0 to 0.3.